

Converting Colors

HunterLab(58.6373, 5.9838,
36.2368)

Have a look what the booklet for
HunterLab(58.6373, 5.9838,
36.2368) contains.

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Color

**HunterLab(58.5937, 6.0630,
36.2113)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CC9500 |
| RGB | 204, 149, 0 |
| RGB Percent | 80%, 58%, 0% |
| CMY | 0.2000, 0.4157, 0.9999 |
| CMYK | 0.00, 0.27, 1.00, 0.20 |
| HSL | 44°, 100%, 40% |
| HSV | 44°, 100%, 80% |
| XYZ | 35.6493, 34.3322, 4.7479 |
| YIQ | 148.4590, 80.6090, -34.6790 |

Conversions

Conversions Part 2

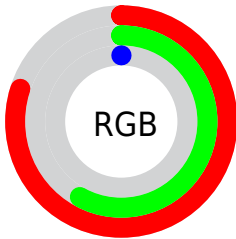
| Format | Color |
|--|---|
| RYB | 75, 204, 0 |
| Decimal | 13407488 |
| CIELab | 65.23, 10.47, 69.65 |
| CIElCh | 65, 70.431, 81.449 |
| Yxy | 34.3339, 0.4770, 0.4594 |
| Android (android.graphics.Color) | 4291597568 (0xFFCC9500) |
| YUV | 148.4590, -73.1903, 48.7095 |
| Hunter-Lab | 58.5937, 6.0630, 36.2113 |

Details

The HunterLab color **58.5937, 6.0630, 36.2113** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **26.6321, 35.6037, -110.1443**, and the grayscale version is **54.8681, -2.9276, 2.9811**.

A 20% lighter version of the original color is **80.2909, 1.4000, 44.7154**, and **38.5396, 6.4921, 23.8615** is the 20% darker color. If you saturate the color by 10%, you get **58.5942, 6.0616, 36.2116**, and if you desaturate by 10%, it is **60.1395, 3.5983, 36.4490**.

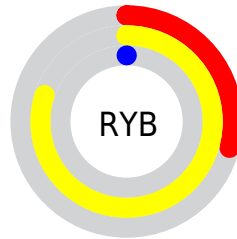
Distribution



Red (80%)

Green (58%)

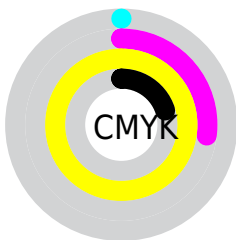
Blue (0%)



Red (29%)

Yellow (80%)

Blue (0%)

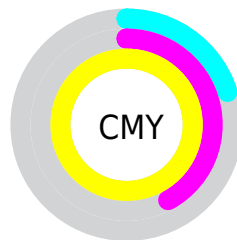


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5937, 6.0630, 36.2113 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 58.5937, 6.0630, 36.2113 by changing the saturation by 10% instead.

■ 58.5937, 6.0630,
36.2113

■ 58.5937, 6.0630,
36.2113

179.3373, 3.5573,
73.8909

■ 48.1147, 6.0714,
31.1611

■ 81.5185, 5.8449,
45.6424

■ 38.3464, 6.0078,
25.9421

■ 93.8917, 5.6531,
50.0706

■ 29.3466, 5.8578,
20.5427

■ 106.8343, 5.4111,
54.3388

■ 21.1876, 5.6052,
14.8313

■ 120.3225, 5.1226,
58.4670

■ 13.9670, 5.2263,
9.7769

■ 134.3348, 4.7906,
62.4725

■ 7.6068, 5.5924,
5.3248

■ 148.8525, 4.4176,

0.0000, NaN, NaN

66.3702

0.0000, NaN, NaN

163.8584, 4.0058,
70.1727

0.0000, NaN, NaN

58.5937, 6.0630,
36.2113

58.5937, 6.0630,
36.2113

58.5942, 6.0616,
36.2116

60.1395, 3.5983,
36.4490

61.7571, 1.3836,
36.0811

63.4580, -0.5164,
34.9405

65.2442, -2.0786,
32.9827

67.1160, -3.2910,
30.1915

■ 69.0725, -4.1498,
26.5696

■ 71.1122, -4.6568,
22.1332

■ 73.2329, -4.8183,
16.9074

■ 75.4322, -4.6440,
10.9238

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.5952, 39.1424, 32.5694



58.5937, 6.0630, 36.2113



58.5952, -23.4940, 35.3236

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5952, 6.0600, 36.2118



58.5952, -49.1664, -21.7534



58.5952, 51.5578, -44.6893

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.5937, 6.0630, 36.2113



26.6321, 35.6037, -110.1443

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.5952, 20.4624, -78.6717



58.5937, 6.0630, 36.2113



58.5952, -36.0270, -61.2989

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.5952, 6.0600, 36.2118



58.5952, -51.4378, 11.0563



58.5952, -11.7857, -85.9669



58.5952, 68.7823, -5.9464

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.5937, 6.0630, 36.2113



58.5952, -37.7897, 31.8677



58.5952, -11.7857, -85.9669



58.5952, 42.1071, -57.7385

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.5952, 6.0600, 36.2118



91.4081, -5.9754, 28.7297



36.2506, 62.9157, 16.9334



41.7657, -2.6575, 14.4703

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.5952, 6.0600, 36.2118



75.1563, 8.2538, 46.4555



71.1608, -34.1024, 43.2516



35.4473, -2.1687, 4.9454



46.6588, 4.4957, 28.8297



11.1553, 0.0377, 6.8745

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.6321, 35.6037, -110.1443



33.8307, 47.1797, -144.1328



22.1360, 57.5993, -138.3612



33.6569, -1.3898, -1.4290



21.4403, 27.3052, -85.7425



6.0450, 3.1766, -14.4131

Previews

White Background



This preview shows how the HunterLab color 58.5937, 6.0630, 36.2113 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 58.5937, 6.0630, 36.2113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 58.5937, 6.0630, 36.2113 Background



This preview shows how black text looks on a background with the HunterLab color 58.5937, 6.0630, 36.2113.



This preview shows how white text looks on a background with the HunterLab color 58.5937, 6.0630,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.5937, 6.0630, 36.2113

Protanopia

58.6571, -8.1464, 35.6500

Deuteranopia

58.5066, 4.3772, 36.1281



Tritanopia

58.4771, 23.9680, 7.6239

Trichromacy



Original Color

58.5937, 6.0630, 36.2113

Protanomaly

58.4394, -2.9864, 35.7247

Deuteranomaly

58.6253, 4.7746, 36.2082

Tritanomaly

57.9501, 14.8693, 24.8921

Monochromacy



Original Color

58.5937, 6.0630, 36.2113

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

55.0571, -3.1114, 22.4676

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.5937, 6.0630, 36.2113 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 149, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 149, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.5937, 6.0630, 36.2113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 149, 0) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 149, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 149, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 149, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 149, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 149,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.5937, 6.0630, 36.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 149, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
149, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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